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CENTRAL FAX CENTER
APR 19 2007

Application No.: 10/539,767

Docket No.: 4590-427

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph on page 3, line 39 - page 4, line 6, with the following amended paragraph:

To ensure very good protection against counterfeiting, the invention makes provision to illuminate with coherent light objects that scatter or partially scatter in their volume. Thus, the copying of these objects is made very difficult. However, the structure of the light scattered becomes much more sensitive to any variation of each of the observation parameters.

Please replace the paragraph on page 4, lines 8 - 32, with the following amended paragraph:

Thus, if the wavelength used during checking is different from that during recording, on account of the natural dispersions of the laser diodes of the illumination sources, the pattern observed is completely different from that recorded. If the device serving for the check (herein called the reading device) is the same as that which served for recording, good reproducibility may be expected. On the other hand, if one wishes to develop a system comprising several low-cost readers, it is necessary to solve this problem. The complexity of the structure of the speckles and its sensitivity to the various observation parameters depend on the characteristics of the scattering medium: its mean scattering wavelength, its absorption, the number and the geometrical characteristics of the inhomogeneities. If the design of the object to be protected is within one's control, ~~it is possible to choose~~ chosen values according to the application a weakly 3D medium (that is to say one that is strongly absorbing and weakly scattering) or, on the contrary a medium in which an illumination wave undergoes a complex path, with numerous scatterings, so that the probability of copying or of false decision is made low. It is also possible to alter the thickness of the area(s) where the scattering occurs.